

ABSTRACT OF THE DISCLOSURE

An electromagnetic gun and rotating pulsed network system that
5 includes a gun barrel coupled to a gun mount coupled on a rotating platform on one
deck of a naval ship. A pulse forming network which is cylindrical in shape provides
pulsed energy to the electromagnetic gun and is rotatable within a cylindrical
bulkhead located on a lower deck of the ship. The pulse forming network rotates in
unison with the gun barrel on the same axis, allowing unbroken cables to couple the
10 pulse forming network to the gun. The pulse forming network includes wedge-
shaped capacitor modules that, when juxtaposed, collectively form a substantially
cylindrical shape.